

ZHUKOVA, R.A.

Effect of gibberellin on some vegetables and forage plants beyond
the Arctic Circle. Biul. Glav. sada no. 46:100-105 '62.

(MIRA 16:5)

1. Polyarno-ali'piyskiy botanicheskiy sad Kol'skogo filiala AN SSSR.

(Russia, Northern—Vegetables)

(Russia, Northern—Forage plants)

(Gibberellin)

ZHUKOVA, R.A.

Role of the biological factor in the toxicity of soils of the Kola Peninsula. Mikrobiologiya 29 no.2:220-228 Mr-Ap '60. (MIRA 14:7)

1. Laboratoriya pochvennoy mikrobiologii Kol'skogo filiala AN SSSR imeni S.M.Kirova.
(KOLA PENINSULA—SOILS—MICRO-ORGANISMS)

KRASIL'NIKOV, N.A.; ZHUKOVA, R.A.; YASHISH, V.B.

Possibility of using antibiotics to protect the outer fibrous sheaths
of underground power cables from destruction by micro-organisms.
Mikrobiologija 29 no.3:446-450 My-Je '60. (MIRA 13:7)

1. Institut mikrobiologii AN SSSR.
(ANTIBIOTICS) (ELECTRIC CABLES—MAINTENANCE AND REPAIR)
(BACTERIA, CELLULOSE-DECOMPOSING)

BOGDANOVA, N.P.; KOVALEVA, L.A.; SHENIN, Yu.D.; SOLOV'YEV, S.N.; TSYGANOV, V.A.;
ZHUKOVA, R.A.; NAMESTNIKOVA, V.P.

Violacein, a new antibiotic. Mikrobiologiya 34 no.4:623-626 Jl-Ag
'65. (MIRA 18:10)

1. Leningradskiy nauchno-issledovatel'skiy institut antibiotikov.

ACC-NR: AP7002887

(A)

SOURCE CODE: UR/0139/66/000/006/0072/0076

AUTHOR: Busev, A. I.; Byr'ko, V. M.; Zhukova, R. G.

Moscow State University

ORG: Analytical Chemistry Department, (Kafedra analiticheskoy khimii Moskovskogo gosudarstvennogo universiteta)

TITLE: Extractive-photometric determination of bismuth in niobates by means of pyrazoline dithiocarbamates

SOURCE: Moscow, Universitet. Vestnik. Seriya II. Khimiya, no. 6, 1966, 72-76

TOPIC TAGS: bismuth, niobate, photometric analysis

ABSTRACT: In order to find the best reagent for the photometric determination of bismuth, compounds of the latter with the following aryl-substituted pyrazoline dithiocarbamates (used in the form of sodium salts) were studied: 5-phenyl, 3-phenyl, 3-phenyl-5-(furyl-2) and 3,5-diphenyl-1-pyrazoline dithiocarbamates (PDTC). The compounds formed had the formula $\text{Bi}(\text{PDTC})_3$. Optimum conditions for determining bismuth with 3-phenyl-PDTC in samples of potassium, rubidium and lithium niobates and niobium pentoxide. Since the sensitivity of the method is $8 \times 10^{-5}\%$, and the samples contained much less bismuth than this amount, a solution of bismuth nitrate was added to the samples before the determination in order to check the applicability of the method to them. The results are shown in Table 1. Orig. art. has: 2 figures and 2 tables.

Card 1/2 .

UDC: 543.70

ACC NR: AP7002887

Sample	Weight g	Bi ad- ded, μg	Bi Found		Error, %
			Mg	%	
Lithium niobate	0.9950 1.0080	1.0 1.5	0.9 1.6	$0.9 \cdot 10^{-4}$ $1.6 \cdot 10^{-4}$	-10 +6.6
Potassium niobate	0.9854 0.9731	1.0 2.0	1.0 1.6	$1 \cdot 10^{-4}$ $1.6 \cdot 10^{-4}$	-12
Rubidium niobate	0.9854 0.9731	1.0 2.0	1.2 1.9	$1.2 \cdot 10^{-4}$ $1.9 \cdot 10^{-4}$	+20 -5
Niobium pentox- ide	1.0032 1.0104	1.0 2.0	0.9 1.7	$0.9 \cdot 10^{-4}$ $1.7 \cdot 10^{-4}$	-10 -11

Table 1. Determination of bismuth in potassium, rubidium and lithium niobates by the extractive-photometric method with 3-phenyl-PDTC

SUB CODE: 07/ SUBM DATE: 01Feb66/ ORIG REF: 007/ OTH REF: 002

Card 2/2

L-02425-67 EWT(l)/EWT(m)/EWP(t)/ETI IJP(c) JH/JD/WW
ACC NR: AP6031525

SOURCE CODE: UR/0170/66/011/003/0329/0337

62-
61-
B

AUTHOR: Kaganer, M. G.; Zhukova, R. I.

ORG: Institute of Oxygen Machinery Building, Moscow (Institut kislorodnogo mashinostroyeniya)

TITLE: Calculation of the contact heat conductivity in vacuum between metallic surfaces of various roughness

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 11, no. 3, 1966, 329-337

TOPIC TAGS: heat transfer, heat conduction, contact heat conductivity, heat conductivity calculation

ABSTRACT: A theoretical study and experimental measurements were made of the contact heat conductivity in vacuum between metallic surfaces with various degrees of surface finish. Assuming a conical model of the rough surface with an equal height of micro-projections in both longitudinal and transverse directions and also equal diameters of the contact spots, formulas were derived for calculating heat conductivity between the contacts, taking into account the effect of the degree of roughness of a real surface. The experimental measurements of heat conductivity were made between contacting rolled, turned, filed or ground metallic surfaces in the form of one pair or a pile of thin plates. The measurements were made with aluminum, steel and titanium contacts at an average temperature of 180K with a temperature drop of 30—180C and a

Card 1/2

UDC: 536.212

L 02425-67

ACC NR: AP6031525

heat flux of 24 watts. A satisfactory agreement was observed between the calculated and the experimental data. However, since real surfaces have, not only microroughness, but also macrowaviness, convexity and other macrodefects which reduce the contact heat conductivity, the numerical coefficients in the derived formulas should, for practical calculations, be 1.5--2.0 times greater than the theoretical. Orig. art. has: 4 figures, 2 tables and 20 formulas.

SUB CODE: 14/ SUBM DATE: 27Apr66/ ORIG REF: 007/

composite metals 14

Card 2/2 b/s

ZHUKOVA, R.R.; FRIDLYAND, A.Ye., glavnnyy vrach; MOL'YE, Z.Yu., professor, konsul'-tant.

Streptomycin and para-aminosalicylic acid therapy of osteoarticular tuberculosis in children. Probl.tub. no.3:85-86 My-Je '53. (MLRA 6:7)

1. Detskiy kostnotuberkuleznyy sanatori "Bakovka" Mosgorzdravotdela.
(Streptomycin) (Bones--Tuberculosis) (Joints--Tuberculosis)
(Para-aminosalicylic acid)

TEMKINA, A.A.; ZHUKOVA, S.A.

Oiling preparation for capron fiber. Khim.volok. no.1:66-68
'63. (MIRA 16:2)

(Nylon) (Finishes and finishing)

DROZDOV, N.; IVANOV, P.; MALAYA, N. (Dnepropetrovsk); ZHUKOVA, S., inzh.
(Novosibirsk); FEDOROVA; PODUSHKO, inzh.

Readers' letters. Inform.biul. VDNKH no.4:14-16 Ap '65.

(MIRA 18:5)

1. Glavnnyy inzh. ozerskogo khlopchatobumazhnogo kombinata
"Rabochiy" (for Drozgov). 2. Glavnnyy inzh. zavoda "Sante-
khpribor", Kazan' (for Ivanov). 3. Glavnnyy inzh. bolshevikoy
pryadil'noy fabriki imeni 1 Maja (for Fedorova).

KANLYBAYEVA, Zh.M.; ZHUKOVA, S.G.

Using the mining geometry method to solve problems of coal seam
working. Izv. AN Kazakh. SSR. Ser.gor.dela no.2:23-28 '60. (MIRA 13:10)
(Coal mines and mining) (Subsidences (Earth movements))

KANLYBAYEVA, Zh.M.; ZHUKOVA, S.G.

Pace of caving in the mines of the Promyshlennyy and Saran areas of the Karaganda Basin. Izv. AN Kazakh. SSR. Ser. gor. dela no.1:30-41 '61. (MIRA 15:2)
(Karaganda Basin--Coal mines and mining)

KANLYBAYEVA, Zh.M.; ZHUKOVA, S.G.; KLINOVITSKIY, F.I.; SARSEMBAEV, A.A.

Some results of using radioactive isotopes in observations of rock shifts in a layer of a massif. Trudy Inst.gor.dela AN Kazakh.SSR 9:40-57 '62. (MIRA 15:8)

(Radioisotopes—Industrial applications)
(Earth movements) (Coal mines and mining)

KANLYBAYEVA, Zh.M.; ZHUKOVA, S.G.

Selection of a place for mining fringe drifts in the Karaganda
Basin. Trudy Inst. gor. dela AN Kazakh.SSR 12:37-46 '63.
(MIRA 17:8)

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065010005-2

ZHUKOVSKAYA, S.S.

Rapid methods for the chemical analysis of raw materials and
finished products in cement manufacture. Trudy IZhGiprosemesta
no.4:153-182 '63. (MIRA 17:11)

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065010005-2"

KUPLETSKAYA, M.B.; KUZNETSOVA, V.M.; ZHUKOVA, S.V.

Microbiological maceration of Eucommia leaves. Part 3: Disintegration
of gutta and resins in the process of fermentation of the leaves.
Mikrobiologija 29 no.2:259-265 Mr-Ap '60. (MIRA 14:7)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo
universiteta imeni M.V.Lomonosova.
(EUCOMMIA)

ZHUKOVA, S. V.

Effect of the upper cervical sympathetic ganglia on blood pressure in rabbits in the absence of thyroid and sex hormones.
Biul. eksp. biol. i med. 53 no. 5:55-59 My '62.

(MIRI 15:7)

1. Iz kafedry histologii (zav. - zasluzhennyy deyatel' nauki prof. B.V. Aleshin) Khar'kovskogo meditsinskogo instituta (dir. - dotsent B.A. Zadorozhnyy). Predstavlena deystvital'nym chlenom AMN SSSR V.V. Parinym.

(BLOOD PRESSURE) (NERVOUS SYSTEM, SYMPATHETIC)
(HORMONES, SEX) (THYROID HORMONES)

NIKITIN, V.N.; BLOK, L.N.; ZHUKOV, S.V.; SUVOROVA, G.A.

Changes with age in the reticulocyte count and the osmotic resistance
of erythrocytes. Uch.zap.KHGU 68:215-220 '56 (MIRA 11:11)

1. Kafedra fiziologii cheloveka i zhivotnykh Nauchno-issledovatel's-
kogo instituta biologii i biologicheskogo fakul'teta Khar'kov-
skogo ordena trudovogo kraasnogo znameni gosudarstvennogo universiteta
imeni A.M. Gor'kogo.

(AGE) (ERYTHROCYTES)

NIKITIN, V.N.; ZHUKOVA, S.V.; MOROZ, Yu.A.

Effect of thyroidin on the phosphorus fractions of tissues and the composition of "structural" proteins of the liver and brain at various age. Uch. zap KGU 108:227-242 '60. (MIRA 14:3)

1. Kafedra fiziologii cheloveka i zhivotnykh Khar'kovskogo gosudarstvennogo universiteta.
(THYROIDIN) (NUCLEOPROTEINS) (AGE)

KOZYREV, G.S.; ZHUKOVA, S.V.

Age peculiarities of Wallerian degeneration of peripheral nerves
in rats. Uch. zap KGU 108:263-269 '60. (MIRA 14:3)

1. Kafedra zoologii pozvonochnykh Khar'kovskogo gosudarstvennogo
universiteta.
(DEGENERATION, FATTY) (AGE) (NERVES)

ZHUKOVA, T.; SARANIN, K.; BELYAYEV, I.; TYMCHINKO, L.; BINYUKOVA, V.; KHOKHLOV, F.; YERMOLAYEV, P.; MORYGANOV, A.; BUTIKOV, Yevg.; CHIRKOV, Yu., starshiy nauchnyy sotr.; POLYAKOVA, V., red.; USTINOVA, S., tekhn. red.

[Corn] Kukuruza. Moskva, Mosk. rabochii, 1962. 99 p.
(MIRA 15:12)

1. Nauchnyye sotrudniki Nauchno-issledovatel'skogo instituta sel'skogo khozyaystva tsentral'nykh rayonov nechernozemnoy zony (for all except Chirkov, Polyakova Ustinova). 2. TSentral'nyy institut prognozov (for Chirkov).

(Corn (Maize))

ZHUKOVA T.

"Quantity of Blood in the Brain Under Different Conditions of the Organism."
Tr. from the Russian, p. 89. (ANALELE ROMANO-SOVIETICE. SERIA PEDIATRIE,
Series aIII-a v. 6, no. 5, Sept./Oct. 1953, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 4, April 1954

ZHUKOVA, T.A.

ZHUKOVA, T.A. (Moskva)

Changes of the ocular fundus and the blind spot in hypertension.
Klin.med. 35 no.9:138-144 S '57. (MIRA 10:11)

1. Iz glaznogo otdeleniya TSentral'noy polikliniki Ministerstva
zdravookhraneniya RSFSR (dir. N.I.Yermolov)

(HYPERTENSION, compl.)

ocular fundus & blind spot changes)

(EYE, in various dis.)

ocular fundus & blind spot changes in hypertension)

ZHUKOVA, T. A.: Master Med Sci (diss) -- "Ophthalmological symptoms in hypertension disease". Moscow, 1958. 16 pp (Min Health USSR, Central Inst for the Advanced Training of Physicians), 225 copies (KL, No 1, 1959, 123)

1. ZHUKOVA, T. A.
2. USSR (600)
4. Malarial Fever - Prevention
7. Organization of malaria control by the rural district hospital, Fel'd.
i akush, no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Unc1.

ZHUKOVA, T.A.

Further observations on the efficacy of chemical prophylaxis with quinacrine, bigumal and plasmocide and with bigumal in combination with plasmocide and bigumal. Med.paraz.i paraz.bol. no.5:418-424 S-0 '53. (MLRA 6:12)

1. Iz organizatsionno-epidemiologicheskogo sektora Instituta malyarii, meditsinskoy parazitologii i gel'mintologii Ministerstva zdravookhraneniya SSSR (direktor instituta - professor P.G.Sergiyev, zaveduyushchiy sektorom - dotsent M.G.Rashina).

(Malarial fever)

ZHUKOVA, T.A.; PROKOPENKO, L.I.; PASTERNAK, Ye.A.; ANDREIEVA, L.G.

Seeking methods for radical chemical prevention and cure without recurrence of tertian malaria with short and long incubation periods.
Report no.5: Radical quinocid therapy without recurrence of tertian malaria with long incubation period. Med. paraz. i paraz. bol. 24 no.2:141-147 Ap-Je '55.
(MIRA 8:10)

1. Iz otdeleniya epidemiologii malyarii i organizatsii bor'by s malyariyey i drugimi parazitarnymi boleznyami Instituta malyarii, meditsinskoy parazitologii i gel'mintologii Ministerstva zdravookhraneniya SSSR (dir. instituta-prof. P.G. Sergiyev, zav. otdelenyem - dotsent M.G. Bashina) i parazitologicheskikh otdelov Kamenskoy i Pavlovskoy sanitarno-epidemiologicheskikh stantsii Altayskogo kraya.

(MALARIA, therapy,
aminoquinoline deriv.)
(QUINOLINE, therapeutic use,
aminoquinoline deriv. in malaria)

ZHUKOVA, T. A.:
Acad Med Sci USSR.

ZHUKOVA, T. A.: "The effectiveness of 'b8gumal' for the general chemical prophylaxis and treatment of malaria (based on epidemiological observations in a focus)." Acad Med Sci USSR. Moscow, 1956.
(Dissertation for the Degree of Candidate in Medical Sciences)

SO: Knizhnaya Letopis', No. 20 1956.

ZHUKOVA, T.A.

Work in the elimination of malaria by the epidemic control squad of
the Ministry of Public Health of the U.S.S.R. in the Azerbaijan
S.S.R. Med.paraz.i paraz.bol. 26 no.1:122-123 Ju-J '57. (MIRA 10:6)
(AZERBAIJAN--MALARIA--PREVENTION)

ZHUKOVA, T.A.
MURAV'YEV, M.I.; LYSENKO, A.Ya.; ZHUKOVA, T.A.; LEYKINA, Ye.S.

Parasitic diseases in the republics of Central Asia and in Transcaucasia and their further decrease. Med.paraz. i paraz.bol. 26 no.4:
391-396 Jl-4g '57. (MIRA 10:11)
(PARASITIC DISEASES, epidemiology,
in Russia (Rus))

ZHUKOVA, T.A.; ZHILINSKAYA, I.N.; TAGIYEV, T.B.; ANDREYEVA, L.G.; CHIZH, I.V.

The results of quinocide therapy for tertian malaria having a short incubation period with quinocide in Azerbaijan. Med.paraz. i paraz. bol. 27 no.1:73-78 Ja-F '58. (MIRA 11:4)

1. Iz otdeleniya epidemiologii malyarii i organizatsii bor'by s malyariyey i drugimi parazitarnymi boleznyami Instituta malyarii, meditsinskoy parazitologii i gel'mintologii Ministerstva zdravookhraneniya SSSR (dir. instituta - prof. P.G.Sergiyev, zav. otdeleniyem M.G.Rashina) i parazitologicheskogo otdela Astarinskoy sanitarno-epidemiologicheskoy stantsii Azerbaydzhanskoy SSR (zav. stantsiey G.Mamedov)

(ANTIMALARIALS, therapeutic use
quinocide in tertian malaria (Mus))

ZHUKOVA, T. A., GAZODOVA, G. YE., ZAL'NOVA, N. S., NASELOVSKIY, SH. D.,
FASTOVSKAYA, E. I., CHURNOSOVA, A. A., SERGIYEV, P. O., STAVROVSKAYA, V. I.,
LYSENKO, A. L., BRAUSE, M. B., GLAIKIKH, V. F.

"Quinocide and the prospects of acceleration of the malaria
eradication rate in the USSR."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectiorists, 1959.

TIBURSKAYA, N.A.; ZHUKOVA, T.A.; BAGRAMYAN, M.G.; YAKUSHKINA, N.S.; ZABEZHANSKIY,
V.P.; IL'YASOV, S.I.

Case of many years lasting carrier state of quartan malaria parasites.
Med. paraz. i paraz. bol. 34 no.1:81-83 Ja-F '65.

1. Institut meditsinskoy parazitologii i tropicheskoy meditsiny im.
Ye.I.Martsincvskogo Ministerstva zdravookhraneniya SSSR, Moskva,
Institut meditsinskoy parazitologii i tropicheskoy meditsiny im.
S.M.Kirova Ministerstva zdravookhraneniya Azerbaydzhanskoy SSR,
Kafedra meditsinskoy parazitologii TSentral'nogo instituta usover-
shenstvovaniya vrachey i Psikhonevrologicheskaya bol'nitsa Nr.3,
Baku. (MIRA 18:8)

L 45091-66 EWT(1) SGTB DD

ACC NR: AP6017350 (A,N) SOURCE CODE: UR/0326/66/013/001/0015/0024

AUTHOR: Klyachko-Gurvich, G. L.; Zhukova, T. A.

37

36

B

ORG: Institute of Plant Physiology im. K. A. Timiryazev, Academy of Sciences
SSSR, Moscow (Institut fiziologii rasteniy akademii nauk SSSR)TITLE: Changes in the biosynthesis of fatty acids due to nitrogen deficiency in
Chlorella pyrenoidosa

SOURCE: Fiziologiya rasteniy, v. 13, no. 1, 1966, 15-24

TOPIC TAGS: carbohydrate, carbohydrate synthesis, Chlorella, plant metabolism,
oleic acid, algae, nitrogen deficiency, hexadecadienoic acid, hexadecatrienoic acid,
fatty acidABSTRACT: Protein synthesis in Chlorella 82 ceases under conditions of nitrogen
deficiency. Carbohydrate synthesis at first increases and then ceases. The relative
amount of proteins and carbohydrates drops as a result of dilution due to the intense
synthesis of fatty acids under these conditions. During the second period of nitrogen

Card 1/2

UDC: 581.134.3;581.134.1/2;581.134.4

L 45001
ACC NR: AP6017350

deficiency, the organism mainly synthesizes fatty acids, which comprise more than 70% of the increase in the biological mass. The activity of the enzyme system involved in the fatty-acid synthesis rises sharply during the first stage of nitrogen deficiency and subsequently remains at a high level. The increase in synthesis is different for different acids. Thus, the synthesis of hexadecadienoic and hexadecatrienoic acids virtually does not change whereas that of stearic and oleic acids rises sharply. Synthesis of the other acids increases to a smaller extent. The result is that relative amounts of the acids change. Under the conditions considered, oleic acid comprises more than 40% of the total amount of acids; this may probably be a characteristic response of unicellular green algae to nitrogen deficiency. When the organism is unable to synthesize all the various substances required for its vital activity, it begins to synthesize only one or a few substances. This property may possibly be exploited for obtaining certain specified substances. The authors thank A. A. Vereshchagin for his criticism of the results. Orig. art. has: 5 figures and 2 tables. [Based on authors' abstract]

[NT]

SUB CODE: 06 / SUBM DATE: 09Mar64 / ORIG REF: 008 / OTH REF: 020 /

Card 2/2 blg

SERGIYEV, P.G.; DUKHANINA, N.N.; ZHUKOVA, T.A.; LYSENKO, A.Ya.

Progress and prospects of the complete eradication of malaria
in the U.S.S.R. Med. paraz. i paraz. bol. 32 no.4:424-435
Jl-Ag '63. (MIRA 17:8)

1. Iz Instituta meditsinskoy parazitologii i tropicheskoy
meditsiny imeni Ye.I. Martsinovskogo (dir. - prof. P.G.
Sergiyev) Ministerstva zdravookhraneniya SSSR.

ZHUKOVA, T.A., kand.med.nauk

Elimination of malaria in the U.S.S.R. Med.sestra no.6:3-7 Je '62.
(MIRA 15:8)

1. Iz Instituta meditsinskoy parazitologii i tropicheskoy meditsiny
imeni Ye.I.Martsinovskogo Ministerstva zdravookhraneniya SSSR,
Moskva.

(MALARIA--PREVENTION)

ZHUKOVA, T.A.; GOZODOVA, G.Ye.; PRISYAZINA, L.A.; FROL'TSOVA, A.Ye.

Carriage of parasites in tertian malaria in the Masally
District of the Azerbaidzhan S.S.R. Med.paraz.i paraz.bol.
no.5:572-580 '61.

(MIRA 14:10)

1. Iz otdela epidemiologii (i. o. zav. otdelom N.N. Dukhanina)
i klinicheskogo otdela (zav. otdelom - prof. N.N. Plotnikov)
Instituta meditsinskoy parazitologii i tropicheskoy meditsiny
imeni Ye.I. Martsinovskogo Ministerstva zdravookhraneniya
SSSR (dir. instituta - prof. P.G. Sergiyev).
(MASALLY DISTRICT--MALARIA)

SIVAROVA, Ye.D.; ZHUKOVA, T.A.

Scleroplastics in penetrating wounds of the eyeball near the ciliary body. Vop. klin. i eksp. oft. no.2,118-127 '59. (MIRA 14:11)
(EYE—WOUNDS AND INJURIES).

ZASLAVSKIY, A.I.; ZHUKOVA, T.B.

Structure of Ag₃FeTe₂. Zhur. strukt. khim. 5 no. 2:246-249
Mr-Ap '64. (MIRA 17:6)

1. Institut poluprovodnikov AN SSSR, Leningrad.

ACCESSION NR: AP4031130

S/0192/64/005/002/0246/0249

AUTHOR: Zaslavskiy, A. I.; Zhukova, T. B.

TITLE: The structure of AgFeTe_2

SOURCE: Zhurnal strukturnoy khimii, v. 5, no. 2, 1964, 246-249

TOPIC TAGS: AgFeTe_2 sub 2, elemental synthesis, structure, beta- AgFeTe_2 sub 2, powder analysis, crystal x ray analysis, NiAs structure group, semiconductor, ternary semiconductor

ABSTRACT: The structure of the ternary semiconductor AgFeTe_2 , prepared by elemental synthesis at 800-850°C was investigated. Contrary to publications by J. H. Wernik and R. Wolfe (J. Appl. Phys., 32, 4, 749, 1961) and Manca, Massazza (J. Appl. Phys. 33, 4, 1608, 1962) the existence of an individual high temperature phase beta- AgFeTe_2 was confirmed by structural analysis of its monocrystals and powder. AgFeTe_2 belongs to the structural group NiAs, and most probably to the spatial group D_{3d} (fig. 1). On initial synthesis its subgroup structure is approximately hexagonal; on rearranging the structure changes to the trigonal with parameters $a = 7.60$ and $c = 5.69 \text{ \AA}$. "The authors thank Prof. V. P. Zhuze

Card 1/3

ACCESSION NR: AP4031130

for proposing the object of the investigation and for interest shown in this work." Orig. art. has: 1 table and 2 figures.

ASSOCIATION: Institut poluprovodnikov AN SSSR Leningrad (Institute of Semiconductors, AN SSSR)

SUBMITTED: 21Jan63

DATE ACQ: 07May64

ENCL: 01

SUB CODE: MM

NO REF Sov: 003

OTHER: 003

Card

2/3

ACCESSION NR: AP4031130

ENCLOSURE: 01

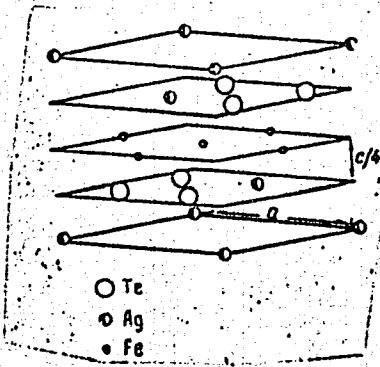


Fig. 1. Distribution of atoms in the cell with $a = 7.60$, $c = 5.69 \text{ \AA}$.

Card 3/3

L-23082-65 EMA(k)/EMT(1)/EMT(1)/EBC(t)/T/INT(e)/EBC(b)-2/2/P(.) INT(e) JP

ACCESSION NR: AP5003436

5/0181/69 J017001700000000

AUTHOR:

A. S. Lishina, A. V. Subash, V. N. Zhukova, T. B. Zaslavskiy.

TITLE: X-ray and optical properties of gallium arsenide-gallium phosphide crystals mixed in various concentrations

SOURCE: Fizika tverdogo tela, v. 7, no. 4, 1965, 200-206

TOPIC TAGS: gallium arsenide, gallium phosphide, solid solution, lattice constant, refraction index, phonon, absorption spectrum, laser material, band structure, p-n junction

ABSTRACT: In x-ray and optical studies of $\text{GaAs}_x\text{P}_{1-x}$ monocrystals it is shown that solid solutions of $\text{GaAs}-\text{GaP}$ are sufficiently perfect monocystals. The lattice constant and index of refraction were shown to vary linearly with the mole fraction of gallium arsenide in $\text{GaAs}_x\text{P}_{1-x}$ crystals. A series of absorption bands in the infrared region of $\text{GaAs}_x\text{P}_{1-x}$ crystals was observed. The coefficient of absorption at the peaks was of the order of 100 cm^{-1} , the absorption bands can probably be attributed to two phonon processes. Orig. art. had 7 figures. [CS]

Card 1/2

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065010005-2

L 23082-65

ACCESSION NR: AP5003416

ASSOCIATION: Institut poluprovodnikov AN SSSR, Leningrad (Institute of
Semiconductors, AN SSSR)

SUBMITTED: 12Jul64

ENCL: 00

SUB CODE: SS

NO REF Sov: 002

OTHER: 008

ATTN PRESS: 3173

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065010005-2"

ABAGYAN, S.A.; GORODETSKIY, S.M.; ZHUKOVA, T.B.; ZASLAVSKIY, A.I.; LISHINA,
A.V.; SUBASHIYEV, V.K.

Optical and X-ray diffraction studies of Ga_xAl_{1-x} crystals.
Fiz. tver. tela 7 no.1:200-206 Ja '65.

(MIRA 18:3)

1. Institut poluprovodnikov AN SSSR, Leningrad.

MAYMIND, V.I.; SYCHUKINA, M.N.; ZHUKOVA, T.P.

Microsynthesis of labelled S³⁵-methionine. Zhur. Obshchey Khim. 22,
1234-6 '52.
(CA 47 no.13:6346 '53)

(MLRA 5:8)

I. S. Ordzhonikidze All-Union Chem. Pharm. Inst., Moscow.

ZUKOVA, T. F.

✓ **Synthesis of physiologically active compounds labeled with sulfur.** V. V. Markova, A. M. Pshirkova, V. I. Maimind, T. S. Zil'nikova, N. A. Kozolupova, and M. N. Sichukina (V. I. Ul'yanovskii All-Union Chem. Pharm. Inst., Moscow). *Doklady Akad. Nauk S.S.R.* 11, 1119 (1963).—The paths for the synthesis of S^{35} -labeled substances of widely divergent structures that have physiological action are outlined. The labeled $BaSO_4$ is reduced with H at 800–1000° and the resulting BaS treated with 30% H_3PO_4 yields labeled H_2S , which is oxidized to S by passage through iodine-KI. For formation of labeled H_2SO_4 , the labeled H_2S is passed in N through concd. HNO_3 , then evapd. Labeled thiourea is obtained from labeled BaS and NH_2CN , with $(NH_4)_2CO_3$ and a little S in aq. suspension at 25–30°, then heated to reflux and concd. Refluxing labeled S with KCN in EtOH (80%) gave labeled KCNS. Fusion of red P with labeled S gave labeled PS. This with $HCONH_2$ in Et₂O gave 65% labeled $HCSNH_2$, which is used in the synthesis of the thiazine portion of the vitamin B₁ structure.

Introduction of labeled S into sulfa drugs was made through labeled H_2SO_4 . For prepa. of labeled CS_n, the best conditions are as follows: 2.22 g. P_2S_5 powder and 2.31 l. CCl₄ are heated in a sealed tube 7 hrs. at 300–25°, cooled, treated with 12 g. KOH in 10 ml. H₂O, then warmed on a steam bath to distill 77.3% CS_n, contg. some CCl₄. The residual K₂S treated with HCl is recovered for S³⁵ values as H₂S. The conversion of the key labeled compds. to Mn thiopental, 2-diethylaminoethyl diphenylthiocarbamate-HCl, sulfathiazole, methforfine, vitamin B₁, β -acetamidoenzoaldehyde thiosemicarbazone, and β -MeCH₂CH₂CH₂CH₂ NHCSNH₂ were made by conventional procedures. A flowchart of the procedure is shown.

MAYMIR, V.I.; ZHUKOVA, T.F.; KOSOLAPOVA, N.A.; SHCHUKINA, N.N.

Synthesis of S^{35} -methionine. Khim. i med. no.11:9-14 '59.
(METHIONINE) (MIRA 13:6)

POZHARSKAYA, A.M.; ZHUKOVA, T.F.; SHCHUKINA, M.N.

Synthesis of D-cysteine-S³⁵. Khim. i med. no.11:14-17 '59.
(MIRA 13:6)

(CYSTEINE)

POZHARSKAYA, A.M.; KOSOLAPOVA, N.A.; ZHUKOVA, T.F.

Synthesis of S^{35} -sulfanilamide preparations. Khim.i med. no.11:
17-23 '59. (MIRA 13:6)

(SULFONAMIDES)

MARKOVA, Yu.V.; ZHUKOVA, T.F.; SHCHUKINA, M.N.

Synthesis of S³⁵-carbon disulfide. K. im.i med. no.11:26-29
'59. (MIRA 13:6)
(CARBON DISULPHIDE)

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065010005-2

POZHARSKAYA, A.M.; ZHUKOVA, T.F.

Synthesis of C¹⁴-atropine. Khim.i med. no.11:72-77 '59.

(ATROPINE)

(MIRA 13:6)

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065010005-2"

ZHUKOVA, T.I.

Chemistry evening devoted to D.I. Mendeleev's periodic system of elements. Khim. v shkole 17 no.3:75-81 My-Je '62. (MIRA 15:6)

1. Krasnodarskiy gosudarstvennyy pedagogicheskiy institut imeni 15-letiya Vsesoyuznogo Leninskogo kommunisticheskogo soyuza molodezhi.

(Chemical elements)

ZHUKOVA, T. I.

Squash

Summer squash as a feed crop. o korm. baza 4, No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress
June 1953. UNCL.

ZHUKOVA, T.I.

"Investigation of the Absorbing Capacity of Centrifugal Pumps
Used on Viscous Liquids." Cand Tech Sci, Moscow Order of Labor
Red Banner Petroleum Inst imeni Academician I. M. Gubkin, Min
Higher Education USSR, Moscow, 1955. (KL, No 12, Mar 55)

SO: Sum. No. 670, 29 Sep 55-Survey of Scientific and Technical
Dissertations Defended at USSR Higher Educational Institutions(15)

RED'KIN, Andrey Petrovich, professor, zasluzhennyy deyatel' nauki RSFSR;
ZHUKOVA, T.I., redaktor; PAVLOVA, M.M., tekhnicheskiy redaktor

[Swine breeding] Svinovodstvo. Izd. 2-oe, dop. i ispr. Moskva,
Gos. izd-vo selkhoz. lit-ry, 1956. 447 p. (MLRA 9:10)

1. Moskovskaya ordena Lenina sel'skokhozyaystvennaya akademiya imeni
K.A.Timiryazeva (for Red'kin)
(Swine)

ZHUKOVA, T.I.

An hour of recreational zoology on the topic "Fishes." Biol. v shkole
no. 1:85-87 Ja-F '61.
(MIRA 14:4)

1. Krasnodarskiy pedagogicheskiy institut.
(Fishes)

DENISOV, Vasiliy Fedorovich, doktor sel'skokhozyaystvennykh nauk.; ZHUKOVA,
T.I., red.; GUREVICH, M.M., tekhn. red.

[Domestic yaks and their hybrids] Domashnie iaki i ikh gibridy.
Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 114 p. (MIRA 11:11)
(Yaks)

ZHUKOVA, T.I.

Pond culture of the partially migratory pike perch of the Kuban River.
Zool. zhur. 39 no.9:1433-1435 S '60. (MIRA 13:9)

1. Krasnodar Pedagogical Institute.
(Plastunovskiy District—Perch) (Fish culture)

ZHUKOVA, T.I.

Suction capacity of centrifugal pumps pumping viscous fluids.
Izv.vys.ucheb.zav.; neft' i gaz 5 no.4:81-86 '62.

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti imeni akademika Gubkina.
(MIRA 16:1)
(Oil well pumps)

ZHUKOVÁ, Tat'yana Igorevna, uchitel'nitsa-biolog (Krasnodar);
NEKHLYUDOVA, A.S., red.; KORNEYEVA, V.I., tekhn. red.

[Hours of entertaining zoology; from the experience in field
work] Chasy zanimatel'noi zoologii; iz opyta raboty. Moskva,
Uchpedgiz, 1962. 89 p.
(MIRA 16:3)
(Zoology--Study and teaching)

ZHUKOVA, T. P.

6

CA

Metabolism of animal brain in reflex epilepsy. A. V. Golubitsova and T. P. Zhukova. *Vestn. Med. Univ.* 6, No. 11, 59. *Mosk. Univ. Nauch. No. 7, 57-60* (1951).—Brain homogenates of rats with reflex epilepsy (before or after the convulsive attack caused by bell-ringing stimulus) show an enhanced loss of glucose in anaerobic conditions, but no difference from the normal in the aerobic state. The amount of lactic acid formed in the brain tissue in anaerobic conditions from glucose was the same in epileptic and control animals, as was respiration of brain tissue without added glucose. With added glucose the O₂ consumption almost doubles in all cases. The brain tissue of epileptic animals after the attack has supernormal content of lactic acid and NH₃. G. M. Khokhlova

ZHUKOVA, T. P.

"Amount of Blood in the Brain Under Various Conditions of the Organisms,"
Inst. Pediatrics, AMS USSR, and Lab for Study of the Development of the Brain,
Pediatriya, No.1, pp. 35-40, 1953

Conditions that are created by oxygen insufficiency (asphyxia) lead to a sharp rise in the amount of blood in the brain (almost 100%). Amount of blood in the brain of an adult cat is 40% greater than in a kitten during the first month of its life, because of greater emotional activity of adult animal. The amount of blood in the hemispheres of the cerebrum of an active cat is greater than when the animal is asleep. There is a direct connection between the amount of blood in the brain and functional conditions of the components of the nervous system.

255T37

ZHUROVIA, I. P.

Dissertation: "Amount of Blood in the Brain in Different Growth Periods." Cand Biol Sci, Acad Med Sci USSR, 25 May 54. Vechernaya Moskva, Moscow, 13 May 54.

SO: SUM 284, 26 Nov 1954

ZHUKOVA, T. P.

USSR/Biology - Physiology

FD-2801

Card 1/1 17, 3/19

Author : Zhukova, T. P.

Title : Changes in the blood content of the cerebral hemispheres in the postnatal period of development

Periodical : Byul. eksp. biol. i med. 6, 11-14, June 1955

Abstract : Investigation has shown that morphological changes take place in the vascular-capillary network of the brain during the postnatal growth period causing changes in the blood supply of brain substance and nerve cells and their requirement for oxygen. Cats were used as experimental animals at various stages after birth. During the first two days of life the blood volume dropped an average of 73%. Although the vascular system of the brain underwent considerable changes in the first 10 days the blood volume differed little from the first two days. On the 25th to 30th day the vascular network had developed approximately to the same conditions as in adult cats. 8 references, 4 USSR, 4 since 1940, graphs.

Institution : Laboratory of the Study of Brain Development (Head: Corresponding Member Academy Medical Sciences USSR B. N. Klosovskiy) Institute of Pediatrics, Academy Medical Sciences USSR, Moscow

Submitted : 20 June 1954

ZHUKOVA, T.P.

Modification of the blood supply of the cerebral hemispheres in asphyxia in animals of various age groups. Biul. eksp. biol. i med. 40 no.12:27-32 D '55. (MIRA 9:3)

1. Iz laboratorii po izucheniyu razvitiya mозга (nav.-chlen-korrespondent AMN SSSR prof. B.N. Klosovskiy) Instituta pediatrii (dir.-chlen-korrespondent AMN SSSR prof. O.D. Sokolova-Ponomareva) AMN SSSR Moskva)

(ASPHYXIA, experimental, brain blood volume in, age factor)

(BRAIN, blood supply, volume, in exper. asphyxia, age factor)

(AGEING, physiology, age factor in brain blood volume in exper. asphyxia)

ZHUKOVA, T.P.

State of the vascular and capillary network of the cerebral hemispheres in animals of various ages in asphyxia [with summary in English] Report No.2. Biul. eksp. biol. i med. 43 no.2:109-113 F. '57 (MLRA 10:5)

1. Iz laboratorii po izucheniyu razvitiya mozga (zaveduyushchiy-chlen-korrespondent AMN SSSR professor B.N. Klosovskiy) Instituta pediatrii (direktor-professor O.D. Sokolova-Ponomareva) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR professorom G.N. Speranskim.
(BRAIN, blood supply,

ZHUKOVA, T.P.

Method for the determination of potassium in the tissues and whole blood. Izdatelstvo 5 no. 6:27-29 N-D '59. (MIRA 13:3)

1. Iz laboratori po izucheniyu razvitiya mozga (zaveduyushchiy - chlen-korrespondent AMN SSSR prof. B.N. Klosovskiy) Instituta pediatrii AMN SSSR, Moskva.

(POTASSIUM IN THE BODY) (PHOTOMETRY)

ZHUKOVA, T.P. (Moskva)

Effect of chronic anoxia on the vascular system of the brain in adult rats. Arkh.pat. 21 no.4:46-52 '59. (MIRA 12:12)

1. Iz laboratorii izucheniya razvitiya mozga (zav. - chlen-korrespondent AMN SSSR prof. B.N. Klosovskiy) Instituta pediatrii AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. O.D. Sokolova-Ponomareva).

(BRAIN, blood supply,

efi. of anoxia on vasc. system in rats (Rus))

(ANOXIA, eff.

on brain vasc. system in rats (Rus))

ZHUKOVA, T.P.; VENCHUNAS, L.V.

Apparatus for the decapitation of small animals. Fiziol.zhur. 45
no.10:1286-1287 O '59. (MIRA 13:t2)

1. Laboratoriya izucheniya razvitiya mozga Instituta pediatrii AMN
SSSR, Moskva.

(ANIMALS LABORATORY)
(LABORATORIES equip. & supply)

ZHUKOVA, T.P.

Effect of the birth act on the cerebral vascular system in certain animals. Biul. eksp. biol. med. 47 no.2:44-50 F '59. (MIRA 12:4)

1. Iz laboratorii po izucheniyu razvitiya mozga (zav. - chlen-korrespondent AMN SSSR prof. O.D.Sokolova-Ponomareva) AMN SSSR, Moskva. Predstavlena deyatvitel'nym chlenom AMN SSSR O.N. Speranskim,

(BRAIN, blood supply,

fetal vasc. changes during labor in animals (Rus))

(LABOR,

fetal cerebral vasc. changes during labor in animals (Rus))

ZHUKOVA, T.P.

Capillary growth in the brain of adult animals. Biul.eksp.biol. i
med. 48 no.10:91-93 0 '59. (MIRA 13:2)

1. Iz laboratorii po izucheniyu razvitiya mozga (zav. - chlen-korrespondent AMN SSSR prof. B.N. Kolosovskiy) Instituta pediatrii (dir. - chlen-korrespondent AMN SSSR prof. O.D. Sokolova-Fonomareva) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR G.N. Speranskim.
(BRAIN blood supply)
(CAPILLARIES)

KLOSOVSKIY, B.N.; ZHUKOVA, T.P. (Moskva)

Effect of colchicine on various phases of growing capillaries in
the brain. Arkh. pat. 25 no.3:38-44 '63.

(MIRA 17:12)

1. Iz laboratorii izucheniya razvitiya mozga (zav. - deystvitel'nyy
chlen AMN SSSR prof. B.N. Klosovskiy) Instituta pediatrii AMN SSSR
(direktor - dozent M.Ya. Studenikin).

ZHUKOVA, T.P.

Changes in the water content in brain tissue during pharmacologically induced sleep, a spastic attack and suffocation. Nauch. inform. Otd. nauch. med. inform. AMN SSSR no.1:47-49 '61 (MIRA 16:II)

1. Institut pediatrii (direktor - dotsent M.Ya. Studenikin) AMN SSSR, Moskva.

ZHUKOVA, T.P.

Multiplication of the capillaries in varicous sections of the
brain during the postnatal period of development. Biul. eksp.
biol. i med. 51 no.6:87-93 Je '61. (MIRA 15:6)

1. Iz laboratorii izucheniya ravnitiya mozga (zav. - chlen-
korrespondent AMN SSSR prof. B.N. Klosovskiy) Instituta pediatrii
(dir. - deystvitel'nyy chlen AMN SSSR O.D. Sokolova-Ponomareva)
AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR
O.D. Sokolovoy-Ponomarevoy.

(BRAIN--BLOOD SUPPLY)

ZHUKOVA, T.R. (Moskva)

Systems of elastic filaments. Stroi. mekh. i rasch. soor. 4
no.1:15-19 '62. (MIRA 16:12)

USSR/ Farm Animals. Small Horned Stock.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40474.

Author : Kedrova, Si. I., Zhukova, T. S., Kalinin, K. N.

Inst : Not given.

Title : The Utilization of Non-Irrigated Crops of Sudan Grass as Pasture for Karakul Sheep.

Orig Pub: Sots. s.-kh. Uzbekistana, 1957, No 8, 40-43.

Abstract: The experience of the sowing of Sudan grass at the Sovkhoz imeni K. A. Timiryazev of the Uzbek SSR showed that it can be utilized for sheep as green roughage, hay, seed, and aftermath. The crops of Sudan grass were willingly consumed by the sheep in June up to 80.7% and in July up to 73.5%. The height of the plants is 95 cm.; they can be grazed on when they are 40-50 cm. high.

Card 1/1

43

FEL'DSHTEYN, M.S.; ZHUKOVA, V.A.

Vulcanizing effect of alkylphenol-formaldehyde resins.
Kauch. i rez. 23 no.6:16-20 Je '64. (MIRA 17:9)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.

ALEKSANDROVA, G.G.; ZHUKOVA, V.A.; KONDRAT'YEV, N.N.; KUSKOV, V.K.;
MALETS, A.M.; SOLOMONOVA, N.L.; FEDOROVICH, R.M.;
VOL'FKOVICH, S.I., akademik, red.; KOROBTSOVA, N.A., red.;
YERMAKOV, M.S., tekhn. red.

[Work in technology] Tekhnologicheskie raboty. Moskva, Izd-
vo Mosk. univ. 1963. 115 p. (Laboratornyi praktikum po khi-
micheskoi tekhnologii, no.4) (MIRA 17:1)

KUSKOV, V.K.; ZHUKOVA, V.A.

Esterification in presence of beric acid and the synthesis of its
esters. Izv.AN SSSR.Otd.khim.nauk no.6:733-738 Je '56. (MLRA 9:9)

1.Otdeleniye khimicheskikh nauk Akademii nauk SSSR.
(Esterification) (Beric acid)

ACCESSION NR: AP4041459

S/0138/64/000/006/0016/0020

AUTHOR: Fel'dshteyn, M. S., Zhukova, V. A.

TITLE: Vulcanizing effect of alkylphenolformaldehyde resins

SOURCE: Kauchuk i resina, no. 6, 1964, 16-20

TOPIC TAGS: resin, alkylphenolformaldehyde, vulcanization, p-tert.-butylphenolformaldehyde, tin chloride, electron paramagnetic resonance, rubber, synthetic rubber, butadiene styrene, rubber

ABSTRACT: In order to determine the relationship between the attainable vulcanizing effect and the amount of resin reacting chemically with the rubber, as well as the effect of the accelerator $\text{Sn Cl}_2 \cdot 2\text{H}_2\text{O}$, the authors compared the vulcanizing effect of p-tert.-butylphenol-formaldehyde resin on butadiene-styrene rubber with that of sulfur vulcanizing systems, both at 163°C for up to 140 minutes. A correlation between the effectiveness of the vulcanizing action and the amount of p-tert.-butylphenolformaldehyde resin reacting chemically with the rubber (SKS-30A) was shown. Stannous chloride dihydrate was found to increase the rate of interaction between the rubber and the p-tert.-butylphenolformaldehyde resin but not to change the number of cross-linkages ultimately formed. Experiments showed that after C_{sr}d 1/2

ACCESSION NR: AP4041459

120-140 minutes of heating, almost all the added resin became chemically attached to the rubber. In the presence of stannous chloride dihydrate, the reaction between the rubber and the vulcanizing agent proceeded much more rapidly, and after heating for 20 minutes, the amount of resin reacted accounted for 90% of its initial content. The kinetics of the formation of cross-linkages are similar in slope to the curves of the combination of p-tert.-butylphenol-formaldehyde resin with the rubber. Using the method of electron paramagnetic resonance, it was shown that the free radicals formed at the temperature of vulcanization play a great role in the cross-linking action of alkylphenolformaldehyde resins. "S. N. Dobryakov and S. M. Kavun also took part in the work." Orig. art. has: 6 figures, 1 table and 1 chemical formula.

ASSOCIATION: Nauchno-issledovatel'skiy institut shinnoy promy*shlennosti (Scientific Research Institute of the Tire Industry) X

SUBMITTED: 00

SUB CODE: OC, MT

NO REF SOV: 004

ENCL: 00

OTHER: 006

Card 2/2

MLET'S, A.M. [deceased]; ZHUKOVA, V.A.; KORZHUKOV, N.G.; LEEDEV, D.D.

Kinetics of the calcination of crushed pyrites in a fluidized bed.
Khim.prom. no.11:830-833 '63. (MIRA 17:4)

ZHUKOVA, V.D., nauchnyy sotrudnik

The leaf roller weevil *Bytiscus betulae* L. in the south of
Krasnoyarsk Territory. Zashch. rast. ot vred. i bol. 4
no.5:55 S-0 '59. (MIRA 16:1)

1. Otdel zashchity rasteniy Minusinskoy optytnoy stantsii
sadovodstva i bakhchevodstva.
(Krasnoyarsk Territory--Weevils--Extermination)

ZHUKOVA, V. I.

Boyko, V. S. and Zhukova, V. I. "Treatment of cabbage seeds with a fungicide preparation, NIUIF-1," Trudy nauch.-issled. in-ta ovoshch. kholz-va, Vol. I, 1948, p. 274-80

SO: U-326^b, 10 April 1953, (Letonis 'Zhurnal 'nykh Statey, No. 3, 1949)

ZHOKOVA, V.I.

USSR

Examination of nonferrous metals in electrolysis
Fedorov, P.M., Vachanovsky, and V.A. Zhitova
Joint Scientific Research Institute of Nonferrous Metals
Polzunov, Zelenograd, Moscow Region, Russia
Preprintnyy 1933, No. 14-412, 40; Rosengard, Berlin, Allem.
1934, No. 40188. — A discussion of replacing Cu with
electrolytic Ni in the production of nonferrous metals
and alloys. — The results of the investigation are presented
in the following sections: 1) General principles of the
process; 2) Preparation of the electrolyte; 3) Electrolytic
process; 4) Recovery of the metal from the electrolyte; 5)
Properties of the electrolytic metal.

ZHUKOVA, V.I.

GLIEMAN, L.A.; BOGORAD, L.Ya.; SUPRUN, L.A.; GAIKMAN, E.I.; ZHUKOVA, V.I.,
inzh.; red.; FREGER, A., tekhn.red.

[The effect of chrome plating on fatigue and corrosion resistance
of steel] Vlijanie khromirovaniia na ustalostnuiu i korrozionno-
ustalostnuiu prachnost' stali. Leningrad, 1955. 9 p. (Leningradskii
dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii
listok, no.84(772)) (MIRA 10:12)

(Chromium plating)

FOKIN, S.L., inzh.; ZHUKOVA, V.I., inzh., red.; FREGER, D.P., tekhn.red.

[Knurling (printing) numbers on steel drums of calculating machines] Nakatyvanie (pechatanie) tsifr na stal'nye barabanchiki schetnykh mekhanizmov. Leningrad, 1955. 9 p. (Leningradskiy dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.110(798)) (MIRA 10:12)

(Marking devices) (Calculating machines)

Zhukova, V. I.

AVERBUKH, A.Ya., kand.khim.nauk; ZHUKOVA, V.I., inzh.,red.; KLOPOVA, T.B.,
tekhn.red.

[Apparatus used for semimicrogas analysis and determination of
nitrogen in the composition of gas mixtures; practices of the
Lensovet Technological Institute in Leningrad] : Pribory, prime-
niaemye dlia polumikrogazovogo analiza i opredeleniya azota v
sostave gazovykh smesei; iz opyta Leningradskogo Tekhnologicheskogo
instituta imeni Lensoveta. Leningrad, 1955. 11 p. (Leningradskii
dom nauchno-tehnicheskoi propagandy. Informatsionno-tehnicheskii
listok, no.112(800))

(NIRA 10:12)

(Gases--Analysis) (Nitrogen)

21/10/2001 12:47:41
AVERBUKH, A.Ya.; ZHUKOVA, V.I., inzh., red.; KLOPOVA, T.B., tekhn.red.

[Separating, preserving and analyzing gas mixtures; practices
of the Lensovet Textile Institute in Leningrad] Otdor, khranenie
i analiz gazovykh smesei; opyt ITI imeni Lensoveta. Leningrad,
1955. 18 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy.
Informatsionno-tekhnicheskii listok, no.95(78)) (MIRA 10:12)
(Gases--Analysis)

ZHUKOVA, V.I.

KONDRAT'YEV, L.L.; ZHUKOVA, V.I., inzh., red.; FREGER, D.P., tekhn.red.

[Efficient suspension devices used in electroplating] Ratsional'nye konstruktsii podvesok dlia gal'venopokrytiia detalei. Leningrad, 1956. 1 p. (Leningradskii dom nauchno-tehnicheskoi propagandy. Informatsionno-tehnicheskii listok, no.34. Zashchitnye pokrytiia metallov) (MIRA 10:12)

(Electroplating)

Людмила.
MATSEVICH, Sof'ya Abramovna; inzh.; ZHUKOVA, V.I., inzh., red.; FREGER, D.P.,
tekhn.red.

[New techniques for making elements of endless abrasive belts;
practices of the "Krasnogvardeets" Plant] Novoe v obrabotke izdelii
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